

Page 8, please amend paragraph [0031] as

follows:

Q2 [0031] An ELISA assay was conducted by coating peptide onto microliter wells and reacting the peptide with dilutions of antibody or anti-hemolysin/ALP (alkaline phosphate), then with Gxrabbit IgG (h&l) (goat anti-rabbit Ig, both heavy and light chains)/HRP (horseradish peroxidase) (not for ALP conjugate) followed by TMB (tetramethyl benzidine)/H₂O₂ or BCIP (4-bromo, 4-chloro, 3-indol phosphate) substrate. The following table indicates the dilutions of the antibody solutions that produced an OD of 1.0 in this assay:

Specificity Antibody	Antibody Prep	Antisera	Dilution A. (affinity) P. (purified) Antibody
Hemolysin	7980/2	1/41,000	1/27,160

Page 8, please amend paragraph [0032] as

follows:

Q3 [0032] These antibodies to fungal hemolysin can be used in a conventional immunoassay such as an ELISA to determine if one has been exposed to strains of fungi which produce hemolysin. The hemolysin protein itself can be used to determine if one has produced antibodies in response to exposure to the fungus.

Page 12, please amend paragraph [0044] as

follows:

ay [0044] The purified polypeptide fragments thus obtained can be tested to determine their immunogenicity and specificity. Briefly, various concentrations of a putative immunogenically specific fragment are prepared and administered to an animal, and the immunological response (e.g., the production of antibodies or cell mediated immunity) of an animal to each concentration is determined. The amounts of antigen administered depend on the subject, the condition of the subject, the size of the subject, etc. Thereafter, an animal so inoculated with the antigen can be exposure to the fungus to test the potential vaccine effect of the specific immunogenic fragment. The specificity of a putative immunogenic fragment can be ascertained by testing sera, other fluids, or lymphocytes from the inoculated animal for cross reactivity with other closely related fungi.

IN THE CLAIMS

Cancel claims 1-2 and 6-18 without prejudice or disclaimer, applicant reserving the right to present these claims in a later filed divisional application.

Please enter the following new claims:

as 5001 19. (New) A method for determining if a mammal